GO-R5000 全空间快速分布光度计
GO-R5000 Full space Fast Distribution Photometer

● 参考美国能源之星IESNA LM-79标准；

Refer to IESNA LM-79 standard of American Energy Star;

● 功能强大的高精度快速分布光度计，集多种功能于一体；

Powerful high-precision fast distribution photometer, integrating multiple functions;

● 经由院士领衔的国内权威专家组鉴定，GO-R5000全空间分布光度计获"国际领先"评价；

The GO-R5000 full space distribution photometer was appraised as "international leading" by the domestic authoritative expert group led by academicians;

● 国家863（高技术研究发展计划）项目研究成果；

Research achievements of the National 863 (High Technology Research and Development Plan) project;

● 荣获杭州市首届"市长杯"创意杭州工业设计大赛唯一产品金奖（最高奖）；

Won the golden prize (the highest prize) of the only product of the first "Mayor's Cup" Creative Hangzhou Industrial Design Competition in Hangzhou;

● 荣获省优秀新产品新技术一等奖（最高奖项）；

Won the first prize of provincial excellent new products and technologies (the highest award);

● 荣获中照照明科技创新一等奖（最高奖项）。

Won the first prize of Zhongzhao Lighting Technology Innovation Award (the highest award).

技术参数 Specifications

● **基本工作原理：**

全空间快速分布光度计采用了多场组合成套的先进分布光度计理论和探测器互校理论，以及更为成熟的技术和工艺。具有灵活的配置方案，测量速度快、精度高，一台分布光度计能实现多台不同功能的高性能的分布光度计功能，但造价却没有大幅增加。

用于各种LED灯具（半导体照明灯具）、道路灯具、投光灯具、室内灯具、户外灯具的空间分布（配光曲线）的高精度测试；

用于实现各种LED、节能灯、荧光灯、白炽灯、HID灯等各种光源的空间光度分布（配光曲线）的高精度测试；

可按CIE确认的方法测量各种尺寸光源和灯具的总光通量、光效；

符合国际标准要求的测控软件：测试结果能直接以IESNA（95，2001）、EULUMDAT、CIBSE(TM14)，CIE等国际通用的标准格式文件输出；

可实现各种光源、灯具空间颜色分部、平均颜色特性及空间颜色不均匀性测量（选项），可实现各种光源、灯具空间亮度分部测试功能（选项）。

Refer to IESNA LM-79 standard of American Energy Star;

Powerful high-precision fast distribution photometer, integrating multiple functions;

The GO-R5000 full space distribution photometer was appraised as "international leading" by the domestic authoritative expert group led by academicians;
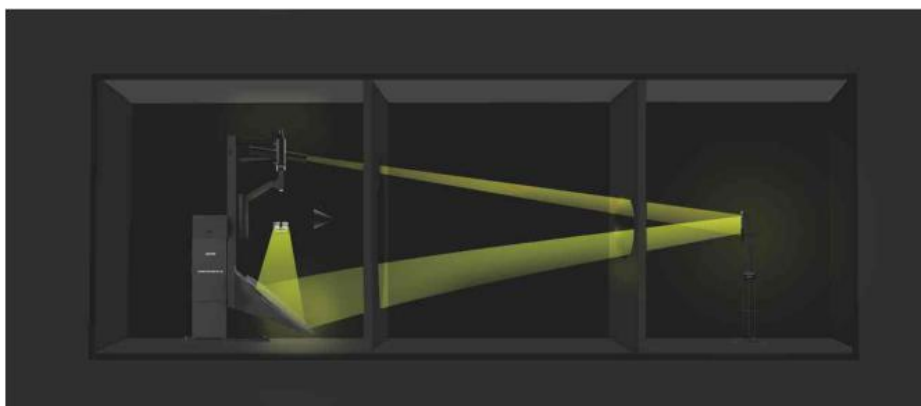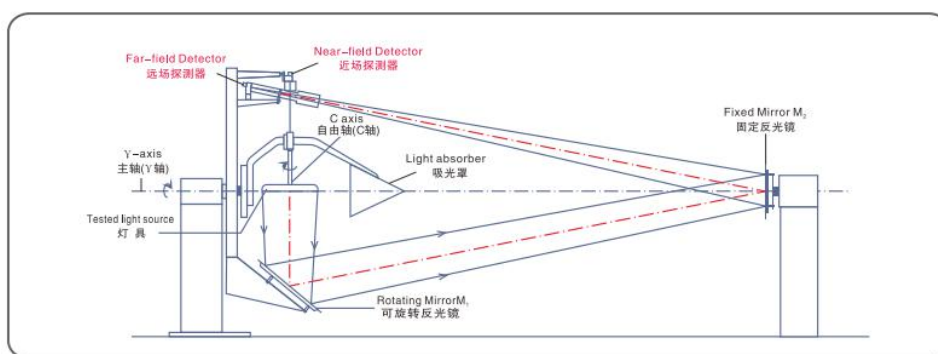
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技术参数 Specifications

- **主要技术参数：**
  Main technical parameters:

- 灯具自动旋转范围：0~360°（C轴 C axis）；-180°~+180°（γ轴 γ axis）
  Automatic rotation range of lamps: 0~360°（C axis)- 180°~+180°（γ Shaft γ axis)

- 光度探头：CLASS L(f1'≤1.5%)、精密恒温、前置放大型
  Photometric probe: CLASS L (f1'≤ 1.5%), precise constant temperature, front amplifier

- 光度测量范围：0.0001lx-200klx
  Photometric measurement range: 0.0001lx-200klx

- 可选配空间色度分布及亮度分布测试功能
  Color distribution and brightness distribution test function of optional space
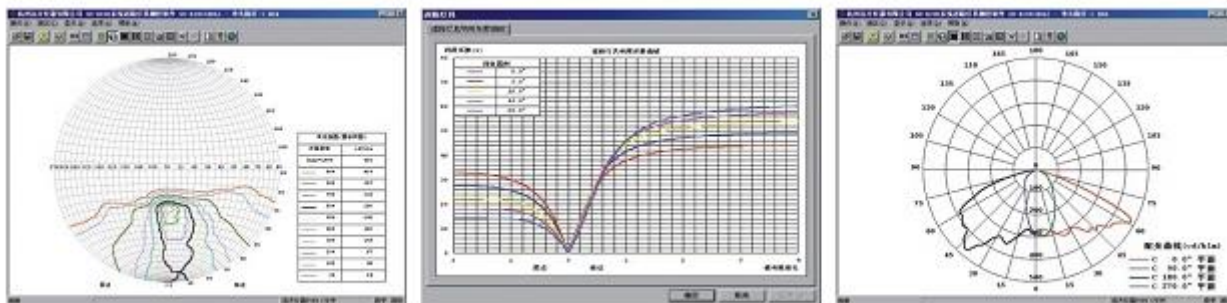
- **技术文件格式：**
  Format of technical documents:

- *.GOS 远方GO-R系列产品光度数据文件格式
  *. GOS Remote GO-R Series Product Photometric Data File Format

- *.CIE CIE文件格式
  *. CIE CIE file format

- *.CEN CEN文件格式
  *. CEN CEN file format

- *.IES IESNA 北美标准格式
  *. IES IESNA North American Standard Format

- *.Tm14 TM14 文件格式(英国标准)
  *. Tm14 TM14 file format (British standard)

- *.CIB CIBSE 文件格式
  *. CIB CIBSE file format

- *.EUT EULUMDAT 文件格式 (德国标准)
  *. EUT EULUMDAT file format (German standard)

- **测试界面**
  Test interface

技术参数 Specifications

型号	GO-R5000-XXX-STD	GO-R5000-XXX-LRG	GO-R5000-XXX-SML	GO-R5000-XXX-CST
被测样品规格				
尺寸	1600mm	2000mm	700mm	根据需求
重量	50kg	80kg	30kg	根据需求
功率	3000W/10A AC/DC	3000W/10A AC/DC	3000W/10A AC/DC	根据需求